L Number	Hits	Search Text	DB	Time stamp
1	30	428/391,447.ccls. and (((organosilane near polymer) polycarbosilane)	USPAT;	2004/03/29 12:48
		and (((metal near oxide) silica siO?sub.2 tiO?sub.2 titania zirconia	US-PGPUB;	
		zrO?sub.2 ((silicon titanium zirconium) near (oxide dioxide)) same	EPO; JPO;	
		substrate)))	DERWENT	
2	11	428/391,447.ccls. and (((organosilane near polymer) polycarbosilane)	USPAT;	2004/03/29 12:48
		and (((metal near oxide) silica siO?sub.2 tiO?sub.2 titania zirconia	US-PGPUB;	
		zrO?sub.2 ((silicon titanium zirconium) near (oxide dioxide))) same	EPO; JPO;	
		substrate))	DERWENT	
3	19	(428/391,447.ccls. and (((organosilane near polymer) polycarbosilane)	USPAT;	2004/03/29 12:49
		and (((metal near oxide) silica siO?sub.2 tiO?sub.2 titania zirconia	US-PGPUB;	
;		zrO?sub.2 ((silicon titanium zirconium) near (oxide dioxide)) same	EPO; JPO;	
		substrate)))) not (428/391,447.ccls. and (((organosilane near polymer)	DERWENT	
		polycarbosilane) and (((metal near oxide) silica siO?sub.2 tiO?sub.2 titania zirconia zrO?sub.2 ((silicon titanium zirconium) near (oxide		
		dioxide))) same substrate)))		
4	47	(((((organosilane near polymer) polycarbosilane) same ((silica siO?sub.2	USPAT;	2004/03/29 12:49
	7,	tiO?sub.2 titania zirconia zrO?sub.2 ((silicon metal titanium zirconium)	US-PGPUB;	2004/03/27 12.49
		near (oxide dioxide))) same (treated coated modified covered treating	EPO; JPO;	
		coating modifying covering))) and (chromatography chromatographic))	DERWENT	
•		((((organosilane near polymer) polycarbosilane) and (((metal near oxide)		
		silica siO?sub.2 tiO?sub.2 titania zirconia zrO?sub.2 ((silicon titanium		
		zirconium) near (oxide dioxide))) same substrate)) and (chromatography		
		chromatographic))) not (428/391,447.ccls. and (((organosilane near		
		polymer) polycarbosilane) and (((metal near oxide) silica siO?sub.2		
		tiO?sub.2 titania zirconia zrO?sub.2 ((silicon titanium zirconium) near		
		(oxide dioxide)) same substrate))))		
5	1	octylallylchlorosilane	USPAT;	2004/03/29 12:49
			US-PGPUB;	
			EPO; JPO;	
	10		DERWENT	
6	13	((organosilane near polymer) polycarbosilane) and (((silica siO?sub.2	USPAT;	2004/03/29 12:50
		tiO?sub.2 titania zirconia zrO?sub.2 ((silicon metal titanium zirconium)	US-PGPUB;	
		near (oxide dioxide))) same (treated coated modified covered treating	EPO; JPO;	
		coating modifying covering)) same ((packaging solid packing) near (phase material)))	DERWENT	
7	3	((organosilane near polymer) polycarbosilane) and (((silica siO?sub.2)	USPAT;	2004/03/29 12:50
'	3	tiO?sub.2 titania zirconia zrO?sub.2 ((silicon metal titanium zirconium)	US-PGPUB;	2004/03/29 12:30
		near (oxide dioxide))) same (treated coated modified covered treating	EPO; JPO;	
		coating modifying covering)) same (support near material))	DERWENT	
		tourne mount ing covering), sume (support near material)	LOURWEIT	L

zirconium) near (oxide dio ((428/391,447.ccls. and (((and (((metal near oxide) sil zrO?sub.2 ((silicon titanium substrate)))) (428/391,447. polycarbosilane) and (((metitania zirconia zrO?sub.2 (dioxide))) same substrate)) polycarbosilane) same ((sil	itania zirconia zrO?sub.2 ((silicon titanium Lide))) same substrate)) not priganosilane near polymer) polycarbosilane) ca siO?sub.2 tiO?sub.2 titania zirconia priconium) near (oxide dioxide)) same cels. and (((organosilane near polymer) al near oxide) silica siO?sub.2 tiO?sub.2 (silicon titanium zirconium) near (oxide	
((428/391,447.ccls. and (((and (((metal near oxide) sil zrO?sub.2 ((silicon titaniur substrate)))) (428/391,447. polycarbosilane) and (((me titania zirconia zrO?sub.2 (dioxide))) same substrate)) polycarbosilane) same ((sil	organosilane near polymer) polycarbosilane) ca siO?sub.2 tiO?sub.2 titania zirconia a zirconium) near (oxide dioxide)) same ccls. and (((organosilane near polymer) al near oxide) silica siO?sub.2 tiO?sub.2	
and (((metal near oxide) sil zrO?sub.2 ((silicon titaniur substrate)))) (428/391,447. polycarbosilane) and (((me titania zirconia zrO?sub.2 (dioxide))) same substrate)) polycarbosilane) same ((sil	ca siO?sub.2 tiO?sub.2 titania zirconia a zirconium) near (oxide dioxide)) same ccls. and (((organosilane near polymer) al near oxide) silica siO?sub.2 tiO?sub.2	
zrO?sub.2 ((silicon titaniur substrate)))) (428/391,447. polycarbosilane) and (((me titania zirconia zrO?sub.2 (dioxide))) same substrate)) polycarbosilane) same ((sil	a zirconium) near (oxide dioxide)) same ccls. and (((organosilane near polymer) al near oxide) silica siO?sub.2 tiO?sub.2	
substrate)))) (428/391,447. polycarbosilane) and (((me titania zirconia zrO?sub.2 (dioxide))) same substrate)) polycarbosilane) same ((sil	ccls. and (((organosilane near polymer) al near oxide) silica siO?sub.2 tiO?sub.2	
polycarbosilane) and (((me titania zirconia zrO?sub.2 (dioxide))) same substrate)) polycarbosilane) same ((sil	al near oxide) silica siO?sub.2 tiO?sub.2	
titania zirconia zrO?sub.2 (dioxide))) same substrate)) polycarbosilane) same ((sil	· ·	
dioxide))) same substrate)) polycarbosilane) same ((sil		
polycarbosilane) same ((sil	((((((organosilane near polymer)	
	ca siO?sub.2 tiO?sub.2 titania zirconia	
	tanium zirconium) near (oxide dioxide))) same	
	vered treating coating modifying covering)))	
and (chromatography chromatography c	natographic)) ((((organosilane near polymer)	
polycarbosilane) and (((me	al near oxide) silica siO?sub.2 tiO?sub.2	
titania zirconia zrO?sub.2 ((silicon titanium zirconium) near (oxide	
dioxide))) same substrate))	and (chromatography chromatographic))) not	
(428/391,447.ccls. and (((c	rganosilane near polymer) polycarbosilane)	
	ca siO?sub.2 tiO?sub.2 titania zirconia	
	zirconium) near (oxide dioxide)) same	
	rosilane (((organosilane near polymer)	
1 / / / / / / / / / / / / / / / / /	ca siO?sub.2 tiO?sub.2 titania zirconia	
	tanium zirconium) near (oxide dioxide))) same	
	vered treating coating modifying covering))	
	king) near (phase material)))) (((organosilane	
	ane) and (((silica siO?sub.2 tiO?sub.2 titania	
1 '''	metal titanium zirconium) near (oxide	
	tted modified covered treating coating	
9 modifying covering)) same 9 297 (((organosilane near polym		2004/02/20 12:51
1 1 1 1	er) polycarbosilane) same (((metal near oxide) USPAT; itania zirconia zrO?sub.2 ((silicon titanium US-PGPUB;	2004/03/29 12:51
zirconium) near (oxide dio		
	organosilane near polymer) polycarbosilane) DERWENT	
	ca siO?sub.2 tiO?sub.2 titania zirconia	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	n zirconium) near (oxide dioxide)) same	
	ccls. and (((organosilane near polymer)	
	al near oxide) silica siO?sub.2 tiO?sub.2	
	(silicon titanium zirconium) near (oxide	
	((((((organosilane near polymer)	
	ca siO?sub.2 tiO?sub.2 titania zirconia	
zrO?sub.2 ((silicon metal t	tanium zirconium) near (oxide dioxide))) same	
(treated coated modified co	vered treating coating modifying covering)))	
	natographic)) ((((organosilane near polymer)	
	al near oxide) silica siO?sub.2 tiO?sub.2	
	(silicon titanium zirconium) near (oxide	
	and (chromatography chromatographic))) not	
	rganosilane near polymer) polycarbosilane)	
	ca siO?sub.2 tiO?sub.2 titania zirconia	
	a zirconium) near (oxide dioxide)) same	
	rosilane (((organosilane near polymer)	
	ca siO?sub.2 tiO?sub.2 titania zirconia	
1 1	tanium zirconium) near (oxide dioxide))) same	
4 1	vered treating coating modifying covering))	
	king) near (phase material)))) (((organosilane	
	nne) and (((silica siO?sub.2 tiO?sub.2 titania	
	metal titanium zirconium) near (oxide	
	tted modified covered treating coating	
modifying covering)) same		2004/03/29 12:51
		2004/03/29 12:31
near (oxide dioxide))) same		
near (oxide dioxide))) saint	DERWENT	

			1 1 100 100	
11	19	(((silalkylene organosilicon) near polymer) silalkylenesiloxane	USPAT;	2004/03/29 12:51
•		polysilalkylenesiloxane polydialkylsilalkylene) same ((silica siO?sub.2	US-PGPUB;	
		tiO?sub.2 titania zirconia zrO?sub.2 ((silicon metal titanium zirconium)	EPO; JPO;	
		near (oxide dioxide))) same substrate)	DERWENT	
12	30	428/391,447.ccls. and (((organosilane near polymer) polycarbosilane)	USPAT;	2004/03/29 12:52
		and (((metal near oxide) silica siO?sub.2 tiO?sub.2 titania zirconia	US-PGPUB;	
		zrO?sub.2 ((silicon titanium zirconium) near (oxide dioxide)) same	EPO; JPO;	
		substrate)))	DERWENT	
13	11	428/391,447.ccls. and (((organosilane near polymer) polycarbosilane)	USPAT;	2004/03/29 12:52
		and (((metal near oxide) silica siO?sub.2 tiO?sub.2 titania zirconia	US-PGPUB;	
		zrO?sub.2 ((silicon titanium zirconium) near (oxide dioxide))) same	EPO; JPO;	
		substrate))	DERWENT	
14	19	(428/391,447.ccls. and (((organosilane near polymer) polycarbosilane)	USPAT;	2004/03/29 12:52
		and (((metal near oxide) silica siO?sub.2 tiO?sub.2 titania zirconia	US-PGPUB;	
		zrO?sub.2 ((silicon titanium zirconium) near (oxide dioxide)) same	EPO; JPO;	
]		substrate)))) not (428/391,447.ccls. and (((organosilane near polymer)	DERWENT	
		polycarbosilane) and (((metal near oxide) silica siO?sub.2 tiO?sub.2		
		titania zirconia zrO?sub.2 ((silicon titanium zirconium) near (oxide		
		dioxide))) same substrate)))		
15	47	((((((organosilane near polymer) polycarbosilane) same ((silica siO?sub.2	USPAT;	2004/03/29 12:52
:		tiO?sub.2 titania zirconia zrO?sub.2 ((silicon metal titanium zirconium)	US-PGPUB;	
		near (oxide dioxide))) same (treated coated modified covered treating	EPO; JPO;	
		coating modifying covering))) and (chromatography chromatographic))	DERWENT	
		((((organosilane near polymer) polycarbosilane) and (((metal near oxide)		
		silica siO?sub.2 tiO?sub.2 titania zirconia zrO?sub.2 ((silicon titanium		
		zirconium) near (oxide dioxide))) same substrate)) and (chromatography		
		chromatographic))) not (428/391,447.ccls. and (((organosilane near]
		polymer) polycarbosilane) and (((metal near oxide) silica siO?sub.2		
		tiO?sub.2 titania zirconia zrO?sub.2 ((silicon titanium zirconium) near		
		(oxide dioxide)) same substrate))))		
16	13	((organosilane near polymer) polycarbosilane) and (((silica siO?sub.2	USPAT;	2004/03/29 12:53
		tiO?sub.2 titania zirconia zrO?sub.2 ((silicon metal titanium zirconium)	US-PGPUB;	
		near (oxide dioxide))) same (treated coated modified covered treating	EPO; JPO;	-
		coating modifying covering)) same ((packaging solid packing) near	DERWENT	
		(phase material)))		
17	3	((organosilane near polymer) polycarbosilane) and (((silica siO?sub.2	USPAT;	2004/03/29 12:53
		tiO?sub.2 titania zirconia zrO?sub.2 ((silicon metal titanium zirconium)	US-PGPUB;	
		near (oxide dioxide))) same (treated coated modified covered treating	EPO; JPO;	
		coating modifying covering)) same (support near material))	DERWENT	

18	149	(((organosilane near polymer) polycarbosilane) and (((metal near oxide)	USPAT;	2004/03/29 12:53
		silica siO?sub.2 tiO?sub.2 titania zirconia zrO?sub.2 ((silicon titanium	US-PGPUB;	
		zirconium) near (oxide dioxide))) same substrate)) not	EPO; JPO;	
		((428/391,447.ccls. and (((organosilane near polymer) polycarbosilane)	DERWENT	
		and (((metal near oxide) silica siO?sub.2 tiO?sub.2 titania zirconia		
		zrO?sub.2 ((silicon titanium zirconium) near (oxide dioxide)) same		
		substrate)))) (428/391,447.ccls. and (((organosilane near polymer)		
		polycarbosilane) and (((metal near oxide) silica siO?sub.2 tiO?sub.2		
	İ	titania zirconia zrO?sub.2 ((silicon titanium zirconium) near (oxide		
		dioxide))) same substrate))) ((((((organosilane near polymer)		
		polycarbosilane) same ((silica siO?sub.2 tiO?sub.2 titania zirconia		
		zrO?sub.2 ((silicon metal titanium zirconium) near (oxide dioxide))) same		
		(treated coated modified covered treating coating modifying covering)))		
		and (chromatography chromatographic)) ((((organosilane near polymer)		
		polycarbosilane) and (((metal near oxide) silica siO?sub.2 tiO?sub.2	}	
		titania zirconia zrO?sub.2 ((silicon titanium zirconium) near (oxide		
		dioxide))) same substrate)) and (chromatography chromatographic))) not		
		(428/391,447.ccls. and (((organosilane near polymer) polycarbosilane)		
		and (((metal near oxide) silica siO?sub.2 tiO?sub.2 titania zirconia		
		zrO?sub.2 ((silicon titanium zirconium) near (oxide dioxide)) same		
		substrate))))) octylallylchlorosilane (((organosilane near polymer)		
		polycarbosilane) and (((silica siO?sub.2 tiO?sub.2 titania zirconia		
		zrO?sub.2 ((silicon metal titanium zirconium) near (oxide dioxide))) same		
		(treated coated modified covered treating coating modifying covering))		
		same ((packaging solid packing) near (phase material)))) (((organosilane		
		near polymer) polycarbosilane) and (((silica siO?sub.2 tiO?sub.2 titania		
		zirconia zrO?sub.2 ((silicon metal titanium zirconium) near (oxide		
		dioxide))) same (treated coated modified covered treating coating		
		modifying covering)) same (support near material))))		į
19	48	((organosilane near polymer) polycarbosilane) same ((silica siO?sub.2	USPAT;	2004/03/29 12:53
		tiO?sub.2 titania zirconia zrO?sub.2 ((silicon metal titanium zirconium)	US-PGPUB;	
		near (oxide dioxide))) same substrate)	EPO; JPO;	
			DERWENT	
20	19	(((silalkylene organosilicon) near polymer) silalkylenesiloxane	USPAT;	2004/03/29 12:53
		polysilalkylenesiloxane polydialkylsilalkylene) same ((silica siO?sub.2	US-PGPUB;	
		tiO?sub.2 titania zirconia zrO?sub.2 ((silicon metal titanium zirconium)	EPO; JPO;	
		near (oxide dioxide))) same substrate)	DERWENT	

	14	((428/391,447.ccls. and (((organosilane near polymer) polycarbosilane)	USPAT;	2004/03/29 12:5
		and (((metal near oxide) silica siO?sub.2 tiO?sub.2 titania zirconia	US-PGPUB;	
		zrO?sub.2 ((silicon titanium zirconium) near (oxide dioxide)) same	EPO; JPO;	
		substrate)))) (428/391,447.ccls. and (((organosilane near polymer)	DERWENT	
		polycarbosilane) and (((metal near oxide) silica siO?sub.2 tiO?sub.2		
		titania zirconia zrO?sub.2 ((silicon titanium zirconium) near (oxide		
		dioxide))) same substrate))) ((428/391,447.ccls. and (((organosilane near		
		polymer) polycarbosilane) and (((metal near oxide) silica siO?sub.2		
		tiO?sub.2 titania zirconia zrO?sub.2 ((silicon titanium zirconium) near	:	
		(oxide dioxide)) same substrate)))) not (428/391,447.ccls. and		
		(((organosilane near polymer) polycarbosilane) and (((metal near oxide)		•
		silica siO?sub.2 tiO?sub.2 titania zirconia zrO?sub.2 ((silicon titanium		
		zirconium) near (oxide dioxide))) same substrate)))) ((((((organosilane		
		near polymer) polycarbosilane) same ((silica siO?sub.2 tiO?sub.2 titania		
		zirconia zrO?sub.2 ((silicon metal titanium zirconium) near (oxide		
		dioxide))) same (treated coated modified covered treating coating		
		modifying covering))) and (chromatography chromatographic))		
		((((organosilane near polymer) polycarbosilane) and (((metal near oxide)		
		silica siO?sub.2 tiO?sub.2 titania zirconia zrO?sub.2 ((silicon titanium	•	
		zirconium) near (oxide dioxide))) same substrate)) and (chromatography		
		chromatographic))) not (428/391,447.ccls. and (((organosilane near		
		polymer) polycarbosilane) and (((metal near oxide) silica siO?sub.2		
		tiO?sub.2 titania zirconia zrO?sub.2 ((silicon titanium zirconium) near		Ì
		(oxide dioxide)) same substrate))))) octylallylchlorosilane		
		(((organosilane near polymer) polycarbosilane) and (((silica siO?sub.2		
		tiO?sub.2 titania zirconia zrO?sub.2 ((silicon metal titanium zirconium)		
		near (oxide dioxide))) same (treated coated modified covered treating		
		coating modifying covering)) same ((packaging solid packing) near		
		((phase material)))) (((organosilane near polymer) polycarbosilane) and		
		(((silica siO?sub.2 tiO?sub.2 titania zirconia zrO?sub.2 ((silicon metal		
		titanium zirconium) near (oxide dioxide))) same (treated coated modified		
		covered treating coating modifying covering)) same (support near		
		material))) ((((organosilane near polymer) polycarbosilane) and (((metal		
		near oxide) silica siO?sub.2 tiO?sub.2 titania zirconia zrO?sub.2 ((silicon		
		titanium zirconium) near (oxide dioxide))) same substrate)) not		
		((428/391,447.ccls. and (((organosilane near polymer) polycarbosilane)		
		and (((metal near oxide) silica siO?sub.2 tiO?sub.2 titania zirconia		
		zrO?sub.2 ((silicon titanium zirconium) near (oxide dioxide)) same		
		substrate)))) (428/391,447.ccls. and (((organosilane near polymer)		
		polycarbosilane) and (((metal near oxide) silica siO?sub.2 tiO?sub.2		
		titania zirconia zrO?sub.2 ((silicon titanium zirconium) near (oxide		
		dioxide))) same substrate))) ((((((organosilane near polymer) polycarbosilane) same ((silica siO?sub.2 tiO?sub.2 titania zirconia		
		zrO?sub.2 ((silicon metal titanium zirconium) near (oxide dioxide))) same		
		(treated coated modified covered treating coating modifying covering)))		
		and (chromatography chromatographic)) ((((organosilane near polymer)		
		polycarbosilane) and (((metal near oxide) silica siO?sub.2 tiO?sub.2		
		titania zirconia zrO?sub.2 ((silicon titanium zirconium) near (oxide dioxide))) same substrate)) and (chromatography chromatographic))) not		
		(428/391,447.ccls. and (((organosilane near polymer) polycarbosilane)		
		and (((metal near oxide) silica siO?sub.2 tiO?sub.2 titania zirconia		
		zrO?sub.2 ((silicon titanium zirconium) near (oxide dioxide)) same		
		substrate))))) octylallylchlorosilane (((organosilane near polymer)		
		polycarbosilane) and (((silica siO?sub.2 tiO?sub.2 titania zirconia		
		zrO?sub.2 ((silicon metal titanium zirconium) near (oxide dioxide))) same		
		(treated coated modified covered treating coating modifying covering))		
		same ((packaging solid packing) near (phase material)))) (((organosilane		
		near polymer) polycarbosilane) and (((silica siO?sub.2 tiO?sub.2 titania		
		zirconia zrO?sub.2 ((silicon metal titanium zirconium) near (oxide		
i		dioxide))) same (treated coated modified covered treating coating		
		modifying covering)) same (support near material))))) ((((organosilane		
		near polymer) polycarbosilane) same (((metal near oxide) silica siO?sub.2		
		tiO?sub.2 titania zirconia zrO?sub.2 ((silicon titanium zirconium) near		
		(oxide dioxide)) same substrate))) not ((428/391,447.ccls. and		
		(((organosilane near polymer) polycarbosilane) and (((metal near oxide)		
		silica siO?sub.2 tiO?sub.2 titania zirconia zrO?sub.2 ((silicon titanium		
ch Histo	ry 3/29/04	1 2) teshiliM) nPageoxide dioxide)) same substrate)))) (428/391,447.ccls.		
	ST\Workens	ceshib(((dig75)(silane near polymer) polycarbosilane) and (((metal near		
	oi kapai	de c O? b 2 O? b 2 c O? b 2 c		